

## EAST Search History

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| L2    | 1     | ("0777025").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/06 16:08 |
| L3    | 2     | ("20040225912").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/06 16:24 |
| L4    | 0     | ("(MBISTBISTBISRMBSR(selfadjtest)(selfadjrepair))").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/06 16:24 |
| L5    | 4856  | (MBIST BIST BISR MBISR (selfadjtest)(selfadjrepair))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/06 18:41 |
| L6    | 20672 | (MBIST BIST BISR MBISR (self adj test) (self adj repair))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/06 16:25 |
| L7    | 5695  | (MBIST BIST BISR MBISR (self adj test) (self adj repair)).clm. (MBIST BIST BISR MBISR (self adj test) (self adj repair)).ab.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/06 16:26 |
| L8    | 5695  | (MBIST BIST BISR MBISR (self adj test) (self adj repair)).clm. (MBIST BIST BISR MBISR (self adj test) (self adj repair)).ab.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/06 16:49 |
| L9    | 2314  | (MBIST BIST BISR MBISR (self adj test) (self adj repair)).clm. (MBIST BIST BISR MBISR (self adj test) (self adj repair)).ab. and ((count counter number) with (error fail failed failing erroneous) with (row column)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/06 18:38 |

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| L10 | 2300 | (MBIST BIST BISR MBISR (self adj test) (self adj repair)).clm. (MBIST BIST BISR MBISR (self adj test) (self adj repair)).ab. and ((count counter number) with (error fail failed failing erroneous) with (row column)) and ((repair replace redundant repairing replacing repaired replaced) with (row column) with (most highest) with (error fail failed failing erroneous))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/06 17:07 |
| L11 | 2300 | (MBIST BIST BISR MBISR (self adj test) (self adj repair)).clm. (MBIST BIST BISR MBISR (self adj test) (self adj repair)).ab. and ((count counter number) with (error fail failed failing erroneous) with (row column)) and ((repair replace redundant repairing replacing repaired replaced) with (row column) with (most highest) with (error fail failed failing erroneous)) and (assign assigning assigned allocating allocated allocate)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/06 17:08 |
| L12 | 1410 | (MBIST BIST BISR MBISR (self adj test) (self adj repair)).clm. (MBIST BIST BISR MBISR (self adj test) (self adj repair)).ab. and ((count counter number) with (error fail failed failing erroneous) with (row column)) and ((repair replace redundant repairing replacing repaired replaced) with (row column) with (most highest) with (error fail failed failing erroneous)) and (assign assigning assigned allocating allocated allocate)                      | USPAT   | OR | ON | 2006/08/06 17:09 |
| L13 | 1410 | (MBIST BIST BISR MBISR (self adj test) (self adj repair)).clm. (MBIST BIST BISR MBISR (self adj test) (self adj repair)).ab. and ((count counter number) with (error fail failed failing erroneous) with (row column)) and ((repair replace redundant repairing replacing repaired replaced) with (row column) with (most highest) with (error fail failed failing erroneous)) and ((assign assigning assigned allocating allocated allocate) near4 (row column)) | USPAT   | OR | ON | 2006/08/06 18:40 |

## EAST Search History

|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| L14 | 14 | ((count counter number) with (error fail failed failing erroneous) with (row column)) and ((repair replace redundant repairing replacing repaired replaced) with (row column) with (most highest) with (error fail failed failing erroneous)) and ((assign assigning assigned allocating allocated allocate) near4 (row column))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/06 18:37 |
| L15 | 6  | "6795942" "6928377"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/06 18:27 |
| L16 | 0  | ((count counter number) with (error fail failed failing erroneous) with (row column)) and ((repair replace redundant repairing replacing repaired replaced) with (row column) with (most highest) with (error fail failed failing erroneous)) and ((assign assigning assigned allocating allocated allocate) near4 (row column))  | EPO; JPO;<br>DERWENT                                    | OR | ON | 2006/08/06 18:37 |
| L17 | 0  | (MBIST BIST BISR MBISR (self adj test) (self adj repair)).clm. (MBIST BIST BISR MBISR (self adj test) (self adj repair)).ab. and ((count counter number) with (error fail failed failing erroneous) with (row column)) and ((repair replace redundant repairing replacing repaired replaced) with (row column) with (most highest) with (error fail failed failing erroneous)) and ((assign assigning assigned allocating allocated allocate) near4 (row column)) | EPO; JPO  | OR | ON | 2006/08/06 18:38 |
| L18 | 3  | (MBIST BIST BISR MBISR (self adj test) (self adj repair)).clm. (MBIST BIST BISR MBISR (self adj test) (self adj repair)).ab. and ((count counter number) with (error fail failed failing erroneous) with (row column))  | EPO; JPO  | OR | ON | 2006/08/06 18:41 |

## EAST Search History

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|-----|-----|---|--------------------|----|----|------------------|
| L19 | 3   | ((MBIST BIST BISR MBISR (self adj test) (self adj repair)).clm. (MBIST BIST BISR MBISR (self adj test) (self adj repair)).ab.) and ((count counter number) with (error fail failed failing erroneous) with (row column)) and ((repair replace redundant repairing replacing repaired replaced) with (row column) with (most highest) with (error fail failed failing erroneous)) and ((assign assigning assigned allocating allocated allocate) near4 (row column)) | USPAT              | OR | ON | 2006/08/06 18:40 |
| L20 | 3   | ((MBIST BIST BISR MBISR (self adj test) (self adj repair)).clm. (MBIST BIST BISR MBISR (self adj test) (self adj repair)).ab.) and ((count counter number) with (error fail failed failing erroneous) with (row column)) and ((repair replace redundant repairing replacing repaired replaced) with (row column) with (most highest) with (error fail failed failing erroneous)) and ((assign assigning assigned allocating allocated allocate) near4 (row column)) | USPAT;<br>EPO; JPO | OR | ON | 2006/08/06 18:40 |
| L21 | 277 | (MBIST BIST BISR MBISR (selfadjtest) (selfadjrepair))   | EPO; JPO           | OR | ON | 2006/08/06 18:41 |
| L22 | 3   | (MBIST BIST BISR MBISR (self adj test) (self adj repair)) and ((count counter number) with (error fail failed failing erroneous) with (row column))   | EPO; JPO           | OR | ON | 2006/08/06 18:41 |

## EAST Search History

|    |    |   |   |    |     |                  |
|----|----|---|---|----|-----|------------------|
| S1 | 96 | ((("6011734") or ("6067262") or ("5764878") or ("5748543") or ("5987632") or ("6065134") or ("6085334") or ("5859804") or ("6026505") or ("6246617") or ("5334880") or ("5418738") or ("5909404") or ("5956350") or ("6304989") or ("6373758") or ("6408401") or ("6574757") or ("6667918") or ("6691252") or ("6725403") or ("6781898") or ("6795942") or ("6836146") or ("6917548") or ("6972587") or ("5528539") or ("6104645") or ("6115300") or ("5349558") or ("5532966") or ("6243307") or ("6310807") or ("5920515") or ("6438046") or ("6505308") or ("6560740") or ("6631086") or ("6667917") or ("6691264") or ("6728910") or ("6862721") or ("6870782") or ("6871297") or ("6973605") or ("6032264") or ("6145092") or ("5631862") or ("5706238") or ("5208177").pn.))).PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/06 12:12 |
| S2 | 49 | ((("6011734") or ("6067262") or ("5764878") or ("5748543") or ("5987632") or ("6065134") or ("6085334") or ("5859804") or ("6026505") or ("6246617") or ("5334880") or ("5418738") or ("5909404") or ("5956350") or ("6304989") or ("6373758") or ("6408401") or ("6574757") or ("6667918") or ("6691252") or ("6725403") or ("6781898") or ("6795942") or ("6836146") or ("6917548") or ("6972587") or ("5528539") or ("6104645") or ("6115300") or ("5349558") or ("5532966") or ("6243307") or ("6310807") or ("5920515") or ("6438046") or ("6505308") or ("6560740") or ("6631086") or ("6667917") or ("6691264") or ("6728910") or ("6862721") or ("6870782") or ("6871297") or ("6973605") or ("6032264") or ("6145092") or ("5631862") or ("5706238") or ("5208177").pn.))).PN. | USPAT;<br>EPO; JPO;<br>IBM_TDB                          | OR | OFF | 2006/08/06 12:12 |